

JC06 Rec'd PCT/PTO 29 SEP 2005

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
18901

In Re Application Of: **Matti Ravaska**

SEP 29 2005

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/540,499	06/23/05	Unassigned	23389	Unassigned	Unassigned

Title: **COOKING AID FOR IMPROVING THE REMOVAL OF EXTRACTIVES IN PULP PRODUCTION, ITS PRODUCTION AND USE**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

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Docket No.
18901In Re Application of: **Mari Ravaska**

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10/540,499	06/23/05	Unassigned	23389	Unassigned	Unassigned

Title: **COOKING AID FOR IMPROVING THE REMOVAL OF EXTRACTIVES IN PULP PRODUCTION, ITS PRODUCTION AND USE****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **19-1013/SSMP** as described below.
- ☐ Charge the amount of _____
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- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

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Sept. 26, 2005

(Date)

Signature of Person Mailing Correspondence

Edward W. Grolz

Typed or Printed Name of Person Mailing Certificate

Dated: September 26, 2005

Edward W. Grolz,
Reg. No.: 33,705
Scully, Scott, Murphy & Presser

EWG:ds

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Matti Ravaska **Examiner:** Unassigned
Serial No.: 10/540,499 **Art Unit:** Unassigned
Filed: June 23, 2005 **Docket:** 18901
For: COOKING AID FOR IMPROVING THE
REMOVAL OF EXTRACTIVES
IN PULP PRODUCTION, ITS
PRODUCTION AND USE **Dated:** September 26, 2005

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§1.56, 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant, in order to meet his duty of disclosure, set forth at 37 C.F.R. §1.56, submits herewith those references which he deems relevant to the claims of the present application.

The relevant references are as follows:

1. GB 1,129,053, dated October 2, 1968;
2. U.S. Patent No. 4,673,460, dated June 16, 1987 issued to Raff;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.81(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 26, 2005.

Dated: September 26, 2005


Edward W. Grolz

3. U.S. Patent No. 2,144,756, January 24, 1939 issued to Fritz;
4. U.S. Patent No. 2,074,473, dated March 23, 1937 issued to Jayme;
5. SE 311 468, dated June 9, 1969;
6. Hagglund, E., Chemistry of Wood, Academic Press Inc., 1951, pp.490-91; and
7. Puumassan Valmistus II Osa 2, page 1341, Turku 1983.

It is noted that in the case of SE 311 468, said reference was cited in the corresponding international search report, a copy of which accompanies this Statement. Although an English abstract is not available, applicant notes the following. SE 311 468 relates to alkaline cooking of wood, preferably hardwood wherein the resin content is reduced by adding thereto sodium alkylarylsulphonate having a general formula A-X-SO₃-Na, wherein A is a straight or branched hydrocarbon chain with 4 to 20 carbon atoms, X is a iso-cyclic radical, such as benzene or naphthalene. On page 2, lines 11 to 16, and in Example 1, tall oil is mentioned as a wood cooking aid. However, this reference refers to the traditional use of tall oil which has many disadvantages as mentioned on page 2, lines 12-13 of said document. These disadvantages include varying availability and quality of crude tall oil, contamination problems and high loading of the cooker due to large amounts of tall oil.

With respect to reference 7, this reference was cited in a corresponding Finnish search report and identified as representing the general state of the art. A copy of said Finnish search report is enclosed as well.

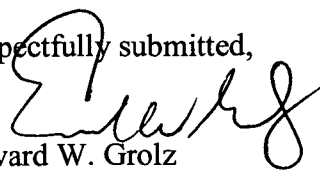
Applicant respectfully requests that the above-mentioned references be made of record in the file of the present application. To that end, Applicant submits herewith the aforementioned References Nos. 1 and 5 to 7 and the completed Form PTO-1449, setting forth these references.

In accordance with the waiver of 37 C.F.R. § 1.98(a)(2)(i) in effect as of June 30, 2003, Applicant is not required to submit copies of the above-cited U.S. patent references.

Applicant submits that the filing of this Information Disclosure Statement is before the mailing date of a first office action on the merits. Therefore, no Declaration or fee is required to affect the filing of this Information Disclosure Statement.

Consideration of this Information Disclosure Statement is respectfully requested, since the information provided herein may be material to the patentability of the subject application as defined in 37 C.F.R. §1.56.

Respectfully submitted,



Edward W. Grolz
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EWG:ds

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

SEP 29 2005

Docket Number (Optional)
18901

Application Number
10/540,499

Applicant(s)
Matti Ravaska

Filing Date
June 23, 2005

Group Art Unit
Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.C./		4,673,460	06/16/87	Donald K. Raff			
/A.C./		2,144,756	01/24/39	James H. Fritz			
/A.C./		2,074,473	03/23/37	Georg Jayme			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
/A.C./		1,129,053	10/02/68	Great Britain				
		311 468	06/09/69	Sweden				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/A.C./		E. HAGGLUND, <u>Academic Press Inc.</u> , "Chemistry of Wood", pp. 490-91 (1951)
		NILS ERIK VIRKOLA, Turku, "Puumassan Valmistus II" Osa 2, page 1341 (1983)

EXAMINER /Anthony Calandra/

DATE CONSIDERED 11/07/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.